

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/BR2004/000056

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC 7 A45D34/04		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC 7 A45D		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 331 843 A (ANDRADE RUYMAR) 13 September 1989 (1989-09-13) column 3, line 1 - line 11 column 6, line 23 - column 7, line 21; claims; figures 4-6 ---	12, 13
A	EP 0 499 318 A (PHILIPS NV) 19 August 1992 (1992-08-19) the whole document ---	1-13
A	GB 1 115 861 A (CLIFFORD BREWER BARCLAY) 29 May 1968 (1968-05-29) the whole document ---	1-13
A	GB 2 187 950 A (LOUIS MARCEL LTD) 23 September 1987 (1987-09-23) page 2, line 38 - page 3, line 28; claims; figures ---	1-13
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<div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.</span> <span><input checked="" type="checkbox"/> Patent family members are listed in annex.</span> </div>		
* Special categories of cited documents :		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>* &amp; * document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search	Date of mailing of the international search report	
19 July 2004	27/07/2004	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Acerbis, G	

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN  vol. 1998, no. 01,  30 January 1998 (1998-01-30)  &amp; JP 09 254580 A (PILOT CORP:THE),  30 September 1997 (1997-09-30)  abstract; figures  -----</p>	1,12

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0331843	A	13-09-1989	BR 8801000 A BR 8803432 A AU 3346589 A WO 8908563 A1 EP 0331843 A1	04-07-1989 20-06-1989 05-10-1989 21-09-1989 13-09-1989
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GB 2187950	A	23-09-1987	AU 3880885 A EP 0150948 A2 WO 8502984 A1 GB 2153221 A ,B	30-07-1985 07-08-1985 18-07-1985 21-08-1985
JP 09254580	A	30-09-1997	NONE	